

Abstract

5 The invention relates to a process for distillatively purifying crude dimethylacetamide (crude DMAc) comprising DMAc, low boilers and high boilers 5 by removing the low boilers and the high boilers to obtain pure DMAc in one of the column configurations listed hereinbelow:

- (I) a main column (MC) with sidestream column (SC) or
- (II) a dividing wall column (DWC),

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which comprises operating at least the main column (MC) in column configuration (I) and the dividing wall column (DWC) in column configuration (II) at a top pressure in the range from 0.5 to 1.8 bar absolute.

(Fig. 1)